



Egis in Brazil

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About Egis group

Egis is a consulting and engineering group working in the fields of construction for transport, urban development, buildings, industry, water, the environment and energy. The group is also active in project financing and road and airport operation.

With 12,000 employees, of whom 7,400 in engineering, and a turnover of €858 million in 2011, Egis is present in over 100 countries and has around 50 offices in France.

The group's capital is shared between the "Caisse des Dépôts", with a 75% share and Iosis Partenaires (held by 440 executives Partners and French employees via the Egis investment fund), with a 25% share.

The capital structure is unique for the engineering sector:

Egis combines a major financial institution, the "Caisse des Dépôts", and a dynamic, motivated shareholding of executives and employees involved in the success of their group.

In September 2012, Nicolas Jachiet, Chief Executive Officer since 2005, became the Chairman and Chief Executive Officer of the Egis group.

Egis displays strong ambition for the next 5 years: multidisciplinary teams with complementary skills, a strong culture of sustainable development, rapid growth with a focus on international expansion, and the pursuit of a sustained recruitment policy. Egis forecasts a turnover of approximately €1.2 billion in 2015.

Egis implements an active **sustainable development** approach by continuing its dialogue with stakeholders, by setting up its Sustainable Development Steering Committee that includes outside experts and personalities. Since November 2011, Egis is a member of the United Nations Global Compact, and a partner of the R20 (Regions of Climate action). It also contributed to the preparatory work for Rio +20.

In November 2011, Egis created its university "Egis Campus" to support the group's growth. The campus' main missions are to create a shared corporate culture and to encourage cross-cutting collaboration within the Group.

Some significant projects won in 2011-2012:

Doha metro system project management, Qatar,

Project design and construction supervision for the underground infrastructure of the RER E line extension to the west of Paris, France,

Technical assistance for an integrated multimodal transport plan, Namibia,

Supervision of three motorway projects in Bosnia and Herzegovina, Macedonia and Serbia,

Concession of the Viracopos Airport, Brazil,

Operation of the "free flow" electronic toll system on the Port Mann bridge in Vancouver, Canada,

Technical engineering, environmental project management and energy simulations for the new headquarters of the Ministry of Defence in Paris, France,

Geotechnical studies for the Kenitra-Tangiers high-speed railway line, Morocco,

Commissioning of tramways in 2012 in Paris, Montpellier, Brest, Dijon and Orléans, France,

Technical assistance as part of the Ganga river de-pollution national programme, India,

Prefeasibility study of the Zanaga iron-ore mine project, Republic of the Congo,

Civil engineering study for the nuclear islands of the EPRs (European Pressurized Reactor) at Hinkley Point and Sizewell, Great Britain.

More information: www.egis-group.com

Egis in Brazil

Over the past decade, Egis has occasionally been active in Brazil, notably for the Sao Paulo highway by-pass or in the design stages of the city's metro.

In September 2011, Egis acquired Vega, a firm specialising in rail freight. This new area of expertise will allow Egis to position itself for new mining projects in other parts of the world. The second challenge is to develop different aspects of transport such as passenger trains, metros and tramways – and where Egis has the expertise.

In June 2012, Egis acquired Aeroservice, a Sao Paulo based firm specialising in airport consultancy and engineering. Aeroservice's main activity is producing upstream studies for Brazilian airports (master plans, planning, etc.).

The increasing importance of private initiatives

The federal government is introducing a wide-ranging privatisation plan to ensure modernisation of the country's airports in order to overcome their saturation. The first concerned was Natal (North-East of Brazil), in 2010, then Sao-Paulo-Guarulhos (Sao Paulo state), Brasilia and Viracopos-Campinas (North-East of Sao Paulo), in February 2012. After an innovative process of award by auction, Egis won the five-yearly renewable, thirty-year concession for Viracopos, working with its Brazilian partners Triunfo Participações and UTC Participações. The operating contract was signed on 14 June 2012.

The country where activity is developing more than any other

A 'target' country for Egis, Brazil is offering, and will continue to offer, opportunities in other areas such as construction, energy and sanitation. For Egis the challenge is to make itself known. There's one area where Egis can fill this objective: training, where Brazil's needs are enormous. In Egis areas of activity, for instance, there's a lack of engineers. The fact that the Egis group has always given importance to occupational training gives us legitimacy. In fact, Egis has already been approached by universities to support them in the development of their engineering modules.

The Brazilian government has launched a huge plan to expand the freight rail network: 10,000 km in 30 years for an investment of around €36 billion. In this context, Vega's main activity is in providing support for all of these projects (design and management of works) throughout the country, delivering assistance to public clients and, increasingly, to clients within Public-Private Partnerships and concessions.

Egis at the Rio Earth Summit

Egis was present at the Earth Summit held in June 2012 in Rio de Janeiro. The Group wished to make its contribution to international exchanges on the major social and environmental issues facing the planet. Egis was one of the first French stakeholders to publish a written contribution on the United Nations website, giving formal expression to real solutions of relevance to the Summit's key topics (eradication of poverty, the green economy, sustainable cities).

The main references of Egis in Brazil



Railways



Studies for the new Rio de Janeiro metro line

Egis is conducting design studies for the ventilation and safety systems for Rio's metro Line No. 4. The client, the Consorcio Constructeur Rio Barra (CCRB), is relying on Egis' expertise to take up the unprecedented challenge of designing a 5 km long tunnel through a mountain to link the stations of São Conrado and Jardim Oceânico.

Extension of the city's two existing metro lines is part of a major public investment plan undertaken for the 2014 Football World Cup and for the 2016 Olympic Games.

Egis has been awarded a multidisciplinary technical assistance contract to define the project that can be commissioned by the beginning of 2016, before the 2016 Olympics



Airports

Concession of the Viracopos Airport



After a competitive exercise, the city of São Paulo has awarded the concession for management of three airports to three private consortia.

The 30-year concession for the Viracopos-Campinas airport went to the consortium comprising Egis and Brazilian companies Triunfo Participações and UTC Participações. Egis is a 10% shareholder in the consortium.

With two years to go before the Football World Cup, Brazil is facing the challenge of modernising its infrastructure to overcome congestion at its obsolete and over-stretched airports.

Located 120 km from São Paulo, Viracopos-Campinas airport handled 7.5 million passengers in 2011. Investment of up to \$500 million is planned for a new terminal able to welcome an additional 5.5 million passengers. According to market forecasts, traffic at this airport is set to develop rapidly, reaching more than 30 million travellers in 2030.

Egis Airport Operation, founded just one year ago, is the part of the group that handles airport concessions and operation: it is already operating twelve airports around the world, handling more than 12 million passengers.

Beyond Egis Airport Operation, Egis engineering companies signed a consultancy contract called Owner's Engineer. The role of the Owner's Engineer will be to help the concessionaire making sure that the new terminal to be opened in 2014 will be delivered in time and quality.

Beyond the airport itself, Egis has started to study the development of an express rail link between Viracopos and São Paulo, as well as between Viracopos and Campinas.



Mining

Carajas: two major projects to transport iron ore

With 109.8 million tonnes of iron ore produced in 2011, the Carajas mining complex, located in the state of Para (northern Brazil), is the largest in the world. Operating since 1985, it supplies both the Brazilian and the international markets.

The operator, Vale, aims to increase its production to 150 million tonnes by 2016, and 230 million tonnes eventually. To achieve its objectives, Vale is carrying out two projects:

- Doubling up the current railway line for the transport of iron ore from Carajas to the coast in Sao Luis. Since 2007, Vega works together with Vale in conducting studies and carrying out the works section by section.
- Operating a second deposit at Carajas, 100 kilometers south of the current site. The project includes mining facilities, the extension of the port, the construction of a road and a new railway line (101 km) to connect the new deposit to the existing Carajas-Sao Luis railway line. Vega conducted all the studies for the construction of the new railway line to transport iron ore.